

# Modifying ATARI CX24 Joystick

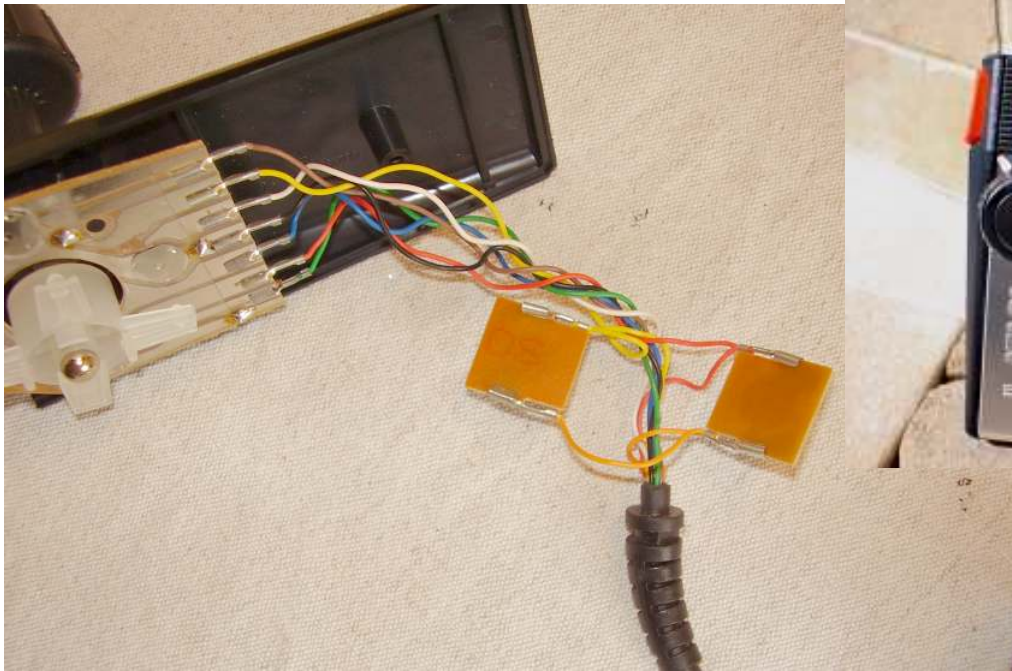
2008-07-05 Popsel



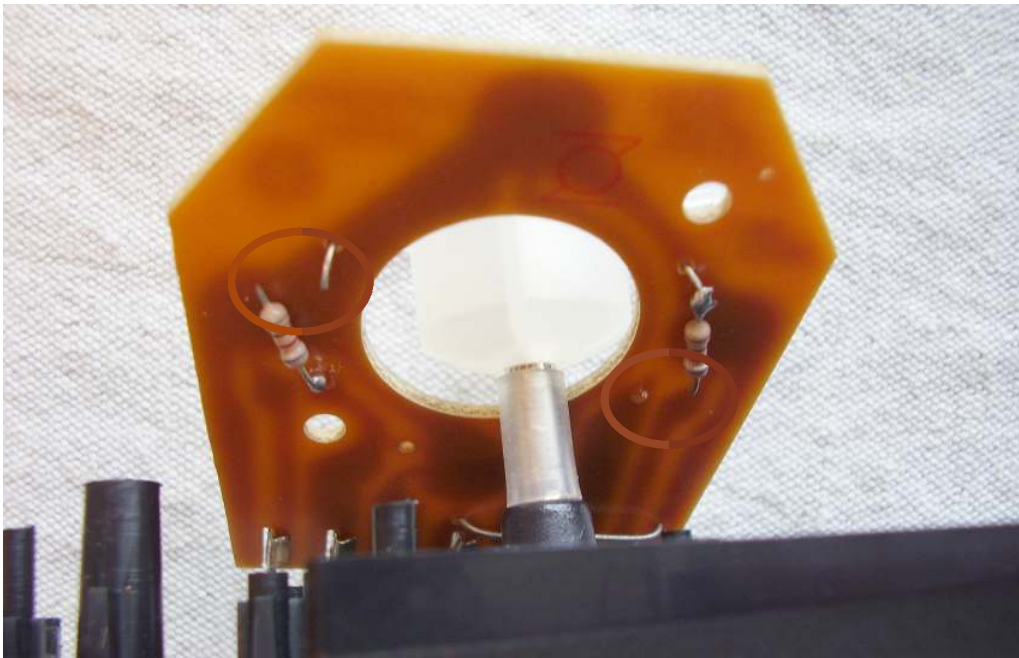
The ATARI CX 24 Joystick was made for the ATARI 7800 video console and is the only ATARI joystick with two independent buttons I know. It doesn't work with a ATARI ST very well. After this modification it can be used with a standard ATARI ST (1 button working) or with my version 1.01 of the ATARI-JOYSTICK TO PC USB INTERFACE (2 buttons working).



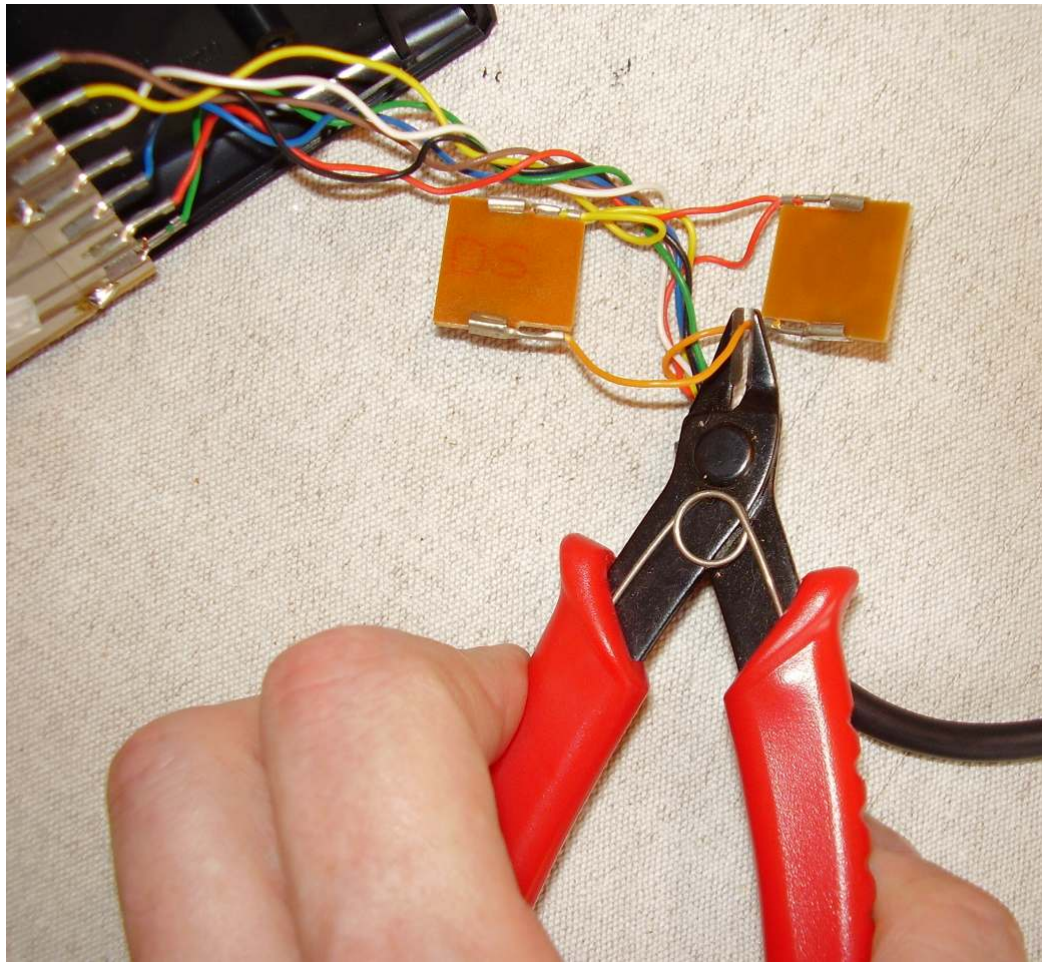
Original circuit before modification:



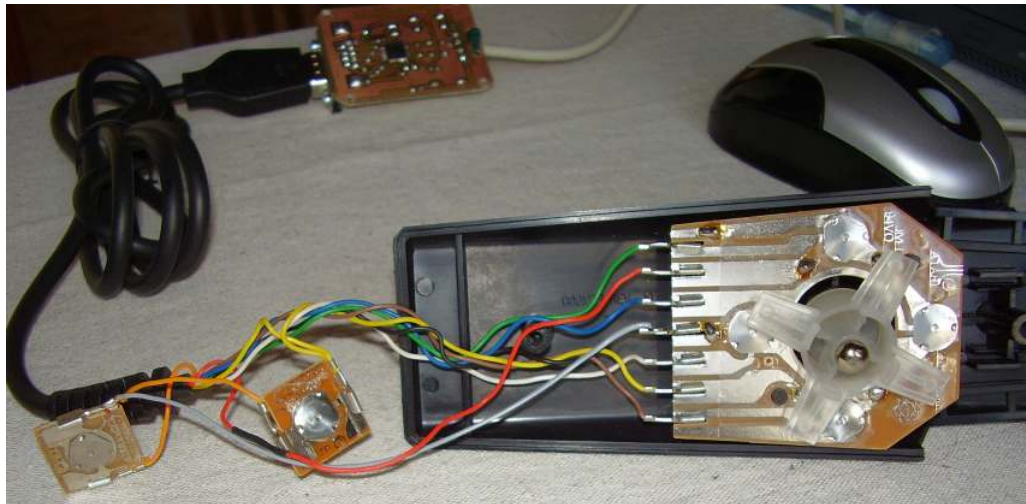
1. Cut each resistor on one side:



2. Cut the orange wire (connection between the small PCBs):



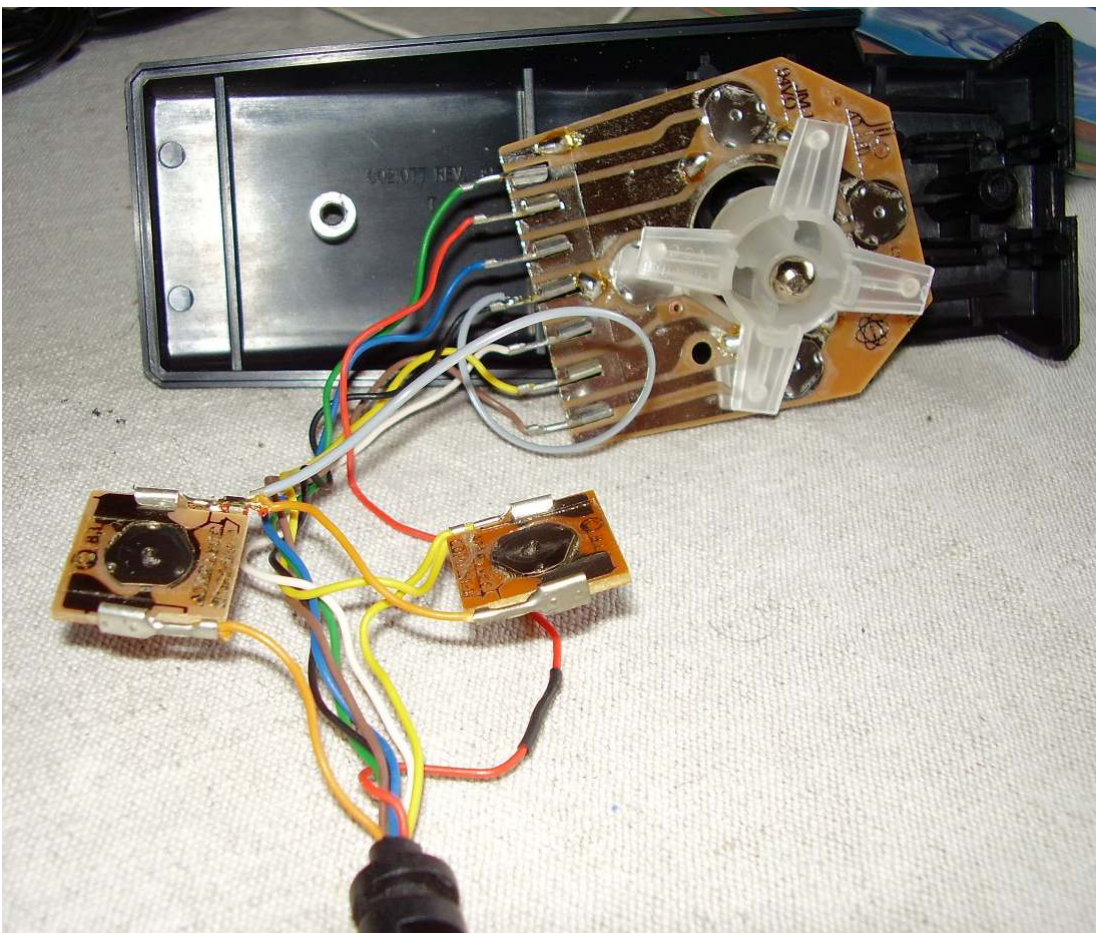
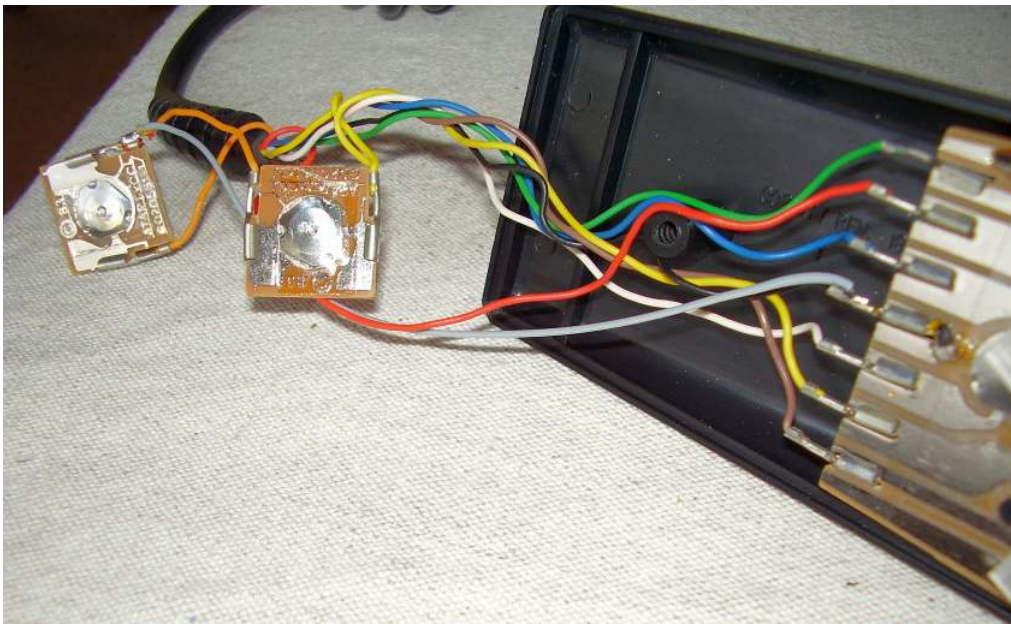
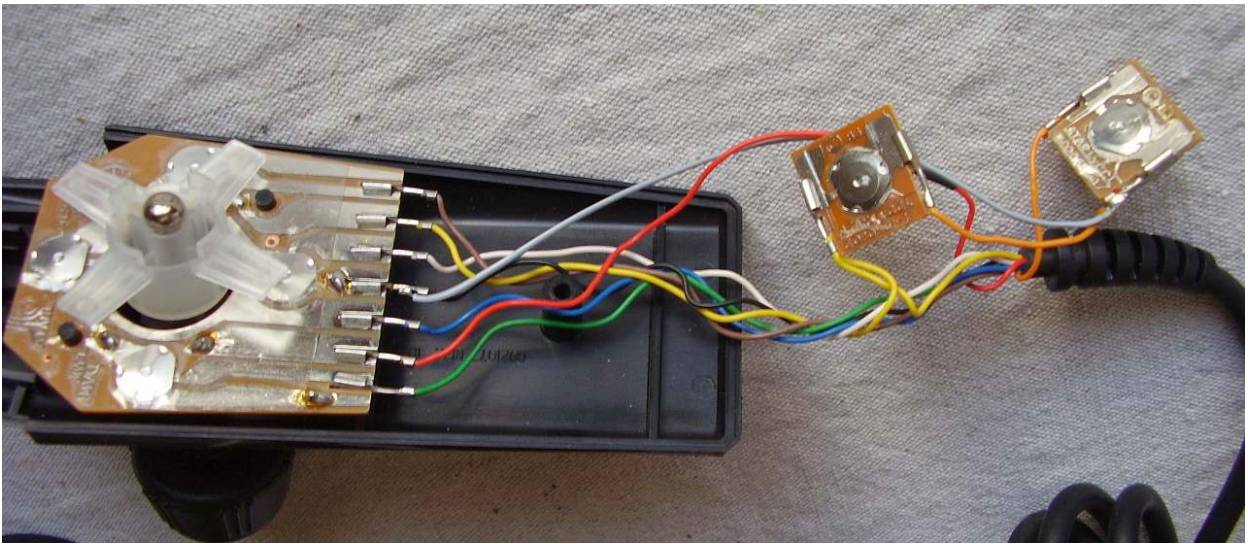
3. After modification (different views)



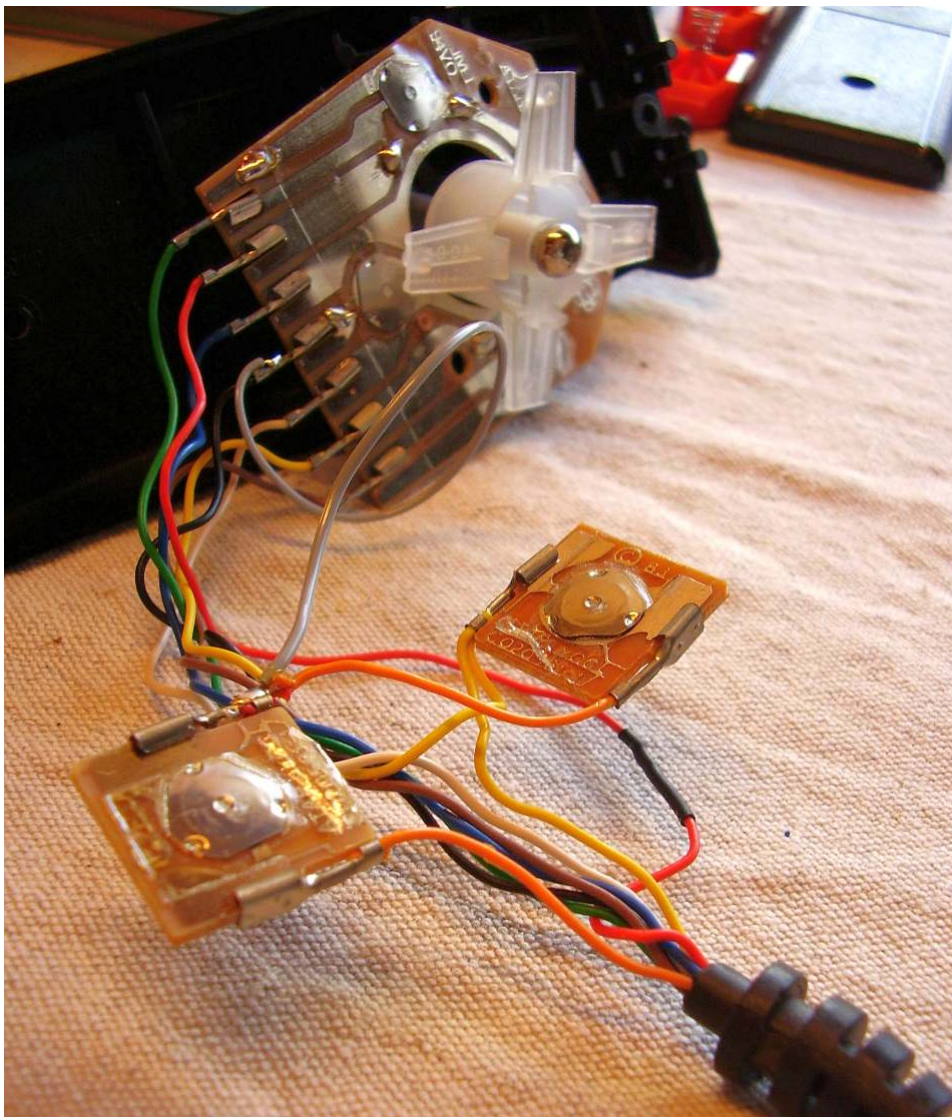
Added grey wire and changed red wire.  
Compare with first photo.

The next photos show the same from several angles.









*Ready to use*

From now the Atari CX24 joystick is compatible with the ST-Series. If used with my ATARI-JOYSTICK-TO-USB-ADAPTOR for PC (V 1.01) the buttons are recognized as button 1 and button 2. If using STEEM-Emulator one button can be used as standard fire button and the 2nd button can be assigned as auto-fire button. My tests with a SNES-Emulator were successful, too.

**Popsel**